

ER-2 #806 07/07/16

Aircraft:

[ER-2 #806 \(See full schedule\)](#)

Flight Number:

16-6033

Payload Configuration:

AirMSPI, CPL, SPEX

Nav Data Collected:

Yes

Total Flight Time:

3.5 hours

Submitted by:

Michael Thomson on 07/08/16

Flight Segments:

From:	PMD	To:	PMD
Start:	07/07/16 10:50 Z	Finish:	07/07/16 14:21 Z
Flight Time:	3.5 hours		
Log Number:	162014	PI:	Olga Kalashnikova
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Science		
Comments:	The objective was to perform a HAP science flight targeting the Central Valley of CA. 806 took off at 1050L and landed at 1521 for a 3.5 hour mission. Soon after take-off, a SPEX reset was done. A successful underpass of MISR was performed (within 10 secs of plan!) at TGT1 (Fresno). The aircraft experienced issues with the INS, but Coach was able hand fly the aircraft to within 0.1 mi of targets. For the flight portion over the Pacific Ocean, a partial marine layer existed, but was described as 80% clear.		

Flight Hour Summary:

	162014
Flight Hours Approved in SOFRS	15
Total Used	11.1
Total Remaining	3.9

162014 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
07/05/16	16-6032	Science	4.5	4.5	10.5
07/07/16	16-6033	Science	3.5	8	7
07/08/16	16-6034	Science	3.1	11.1	3.9

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

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